

**From:** [Clarke, Kevin](#)  
**To:** [Tsiamis, Christos](#)  
**Cc:** [Carr, Brian](#); [Singerman, Joel](#); [Garbarini, Doug](#); [King, Christopher](#); [Mulvihill, Daniel](#); [Licata, Angela](#); [Moriarty, Kenneth](#)  
**Subject:** Re: Directive for providing Gowanus EIS-related Information  
**Date:** Thursday, July 25, 2019 5:08:56 PM  
**Attachments:** [Attach 1 Gowanus Rezoned Impacted Drainage Areas.pdf](#)  
[Attach 2 Gowanus Rezoned Map.pdf](#)  
[Attach 3 Gowanus Rezoned HLSS impact.pdf](#)

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Christos:

Below please find responses to your request for information related to the Gowanus Rezoning and EIS. For #3 we request further clarification on your request and as discussed during our call this morning the response to #4 may include the information you are looking for. Please let me know if you need any additional information, or would like to further discuss the information provided.

Thank you,  
Kevin

1. Up to date loading projections by NYCDEP associated with the proposed rezoning in the area surrounding the Gowanus Canal Drawings of the drainage areas likely to be affected by the proposed rezoning.  
The loading projections associated with the proposed rezoning are currently being developed and evaluated. NYC expects to be able to provide that information with the DEIS for the rezoning in Fall 2019.
2. Drawings of the drainage areas likely to be affected by the proposed rezoning.  
See Attachment #1.
3. The volume capacity of the sewer system within each specific area.  
NYC requests clarification from EPA on this request... Do you mean flow capacity? Or total volume of the sewers (assuming no regulators and tide gates are closed)? Or summary of wet weather capture (by storm or annual) for an average year?
4. The mapping of the sewer pipes within the drainage areas, the diameter of the sewer pipes and their total length within a given drainage area  
See Attachment #2.
5. The mapping of the newly constructed High Level Storm Sewer (HLSS) along 3rd Avenue and Carroll Street and the total length and diameter of the HLSS.  
The as-built drawings for the HLSS Phase 1 are still being prepared. However, the design / construction drawings can be downloaded at the following link:  
[Gowanus HLSS Phase 1 SEK20065 Final Set.pdf](#)
6. The estimated volume reduction from CSO discharges as a result of the HLSS capture for the 10 largest storm events at RH-34.  
See Attachment #3.

KEVIN CLARKE, P.E. | **PORTFOLIO MANAGER** |  
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**From:** Tsiamis, Christos <[Tsiamis.Christos@epa.gov](mailto:Tsiamis.Christos@epa.gov)>

**Sent:** Thursday, June 13, 2019 5:24 PM

**To:** Clarke, Kevin <[kclarke@dep.nyc.gov](mailto:kclarke@dep.nyc.gov)>

**Cc:** Carr, Brian <[Carr.Brian@epa.gov](mailto:Carr.Brian@epa.gov)>; Singerman, Joel <[Singerman.Joel@epa.gov](mailto:Singerman.Joel@epa.gov)>; Garbarini, Doug

<Garbarini.Doug@epa.gov>

**Subject:** Directive for providing Gowanus EIS-related Information

Dear Kevin,

On May 23, 2019, EPA submitted comments to the City on the Gowanus Re-zoning EIS Scoping.

As noted in those comments: “EPA does not have a role in local land-use or zoning decisions. However, understanding local land use is an important component in EPA’s planning of response actions under the Comprehensive Environmental Response, Compensation and Liability Act (“CERCLA” or “Superfund”). EPA also has a role in ensuring that future land use changes do not adversely affect the integrity of Superfund cleanups.”

Also, we further commented that “EPA intends to work cooperatively with the City to ensure that the rezoning process is conducted in a manner which is, with respect to the Canal, protective of human health and the environment.”

In light of the above, EPA directs, under the Superfund Administrative Orders for Remedial Design issued to the City for the Gowanus Canal Superfund site, that the New York City Department of Environmental Protection (NYCDEP) submit CSO the up to date loading projections by NYCDEP associated with the proposed rezoning in the area surrounding the Gowanus Canal and other relevant CSO-related information for EPA’s review, including the following:

- Drawings of the drainage areas likely to be affected by the proposed rezoning
- The volume capacity of the sewer system within each specific area
- The mapping of the sewer pipes within the drainage areas, the diameter of the sewer pipes and their total length within a given drainage area
- The mapping of the newly constructed High Level Storm Sewer (HLSS) along 3<sup>rd</sup> Avenue and Carroll Street and the total length and diameter of the HLSS.
- The estimated volume reduction from CSO discharges as a result of the HLSS capture for the 10 largest storm events at RH-34

**The above information should be provided to EPA by July 25, 2019.**

While additional information might be required in the future to further our understanding of the impacts of the planned development on the canal Superfund remedy, we look forward to working with you on these important issues.

Please let me know if you have any questions.

Sincerely,

Christos Tsiamis

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